Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091622\
Data File : VV027882.D
Acq On : 16 Sep 2022 15:15
Operator : SY/MD
Sample : N4652-01DL 40X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 16 22:08:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 16 22:04:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	137511	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	140368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76154	8.401	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 168.000%#			
7) Chloroethane-d5	1.568	69	54609	7.102	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 142.000%#			
11) 1,1-Dichloroethene-d2	2.108	63	96058	4.994	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.800%			
20) 2-Butanone-d5	3.892	46	98112	48.841	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.680%			
24) Chloroform-d	4.346	84	122781	6.615	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 132.400%#			
26) 1,2-Dichloroethane-d4	5.030	65	60663	6.138	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 122.800%			
32) Benzene-d6	5.047	84	234615	5.761	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.200%			
36) 1,2-Dichloropropane-d6	6.066	67	61240	5.137	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.800%			
41) Toluene-d8	7.313	98	201839	5.894	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.800%			
43) trans-1,3-Dichloroprop...	7.622	79	24297	6.075	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 121.400%			
46) 2-Hexanone-d5	8.088	63	82120	55.233	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.460%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40028	5.228	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	81540	6.888	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 137.800%#			
Target Compounds						Qvalue
3) Chloromethane	1.243	50	537	0.044	ug/L #	40
5) Vinyl chloride	1.310	62	24951	2.015	ug/L	96
6) Bromomethane	1.519	94	317	0.048	ug/L	91
8) Chloroethane	1.587	64	93168	13.105	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1038	0.106	ug/L #	20
12) 1,1-Dichloroethene	2.121	96	2229	0.245	ug/L #	1
16) Methylene chloride	2.506	84	20358	1.735	ug/L	91
18) trans-1,2-Dichloroethene	2.767	96	1759	0.183	ug/L	78
19) 1,1-Dichloroethane	3.188	63	184639	10.223	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	79600	7.589	ug/L #	85
29) 1,1,1-Trichloroethane	4.606	97	117442	5.440	ug/L	96
31) Carbon tetrachloride	4.603	117	14760	0.805	ug/L	97
35) Methylcyclohexane	6.066	83	17173	0.964	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	8171	0.743	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1743	0.125	ug/L #	37
42) Toluene	7.390	91	34738	0.774	ug/L	99
44) trans-1,3-Dichloropropene	7.622	75	975	0.084	ug/L #	61
47) Tetrachloroethene	7.976	164	3422	0.367	ug/L	95
49) Dibromochloromethane	7.979	129	3198	0.353	ug/L #	10

Quantitation Report (Not Reviewed)

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Data File : VV027882.D
Acq On : 16 Sep 2022 15:15
Operator : SY/MD
Sample : N4652-01DL 40X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 16 22:08:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 16 22:04:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Ethylbenzene	9.014	91	7777	0.167	ug/L		96
53) m,p-Xylene	9.136	106	6563	0.358	ug/L		67
54) o-Xylene	9.548	106	3977	0.228	ug/L		85
61) 1,2,3-Trichloropropane	11.246	75	6815	1.194	ug/L	#	63
62) 1,3,5-Trimethylbenzene	10.538	105	3419	0.269	ug/L		92
63) 1,2,4-Trimethylbenzene	10.914	105	14410	0.399	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091622\
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ClientSampleId :

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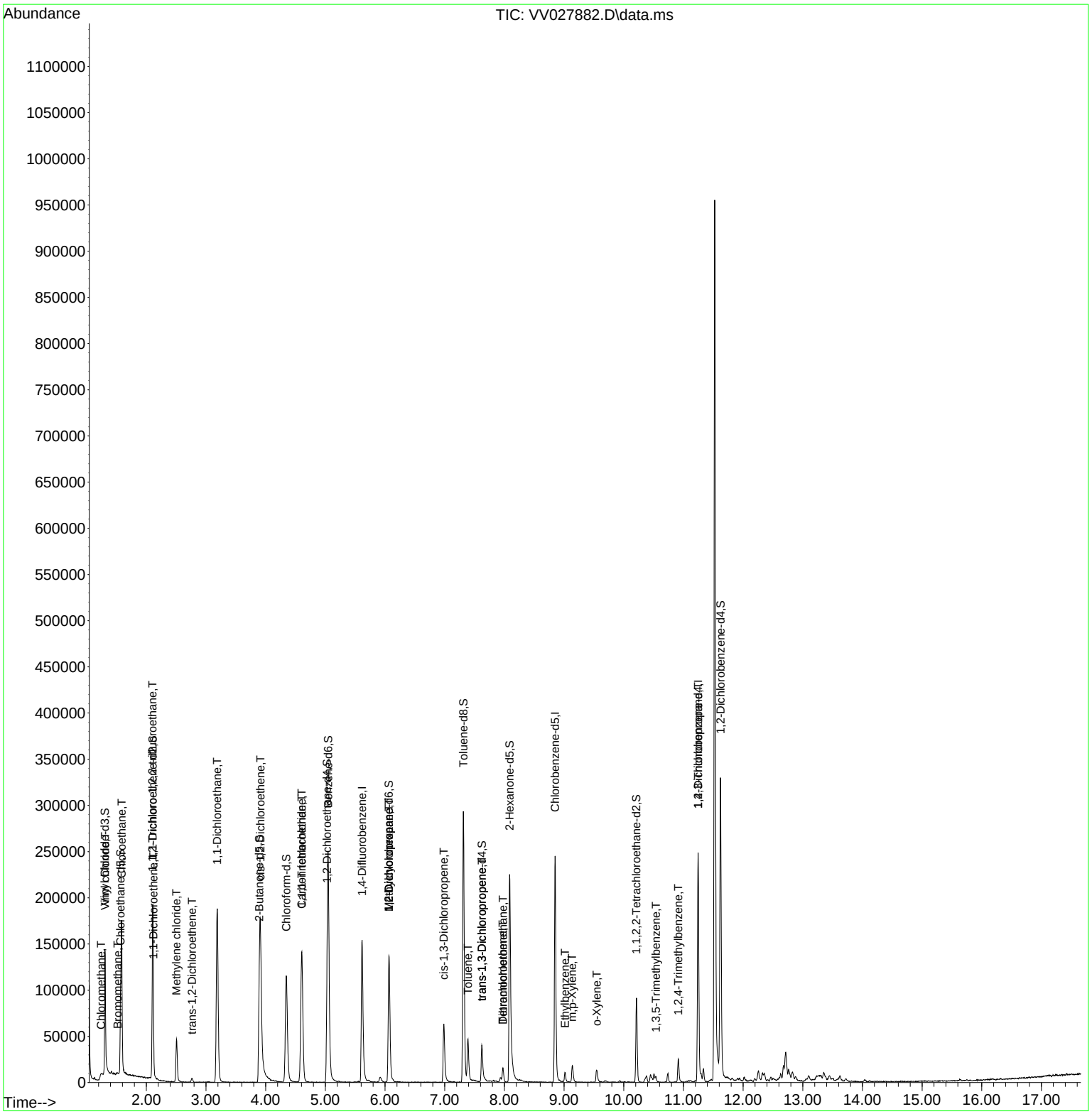
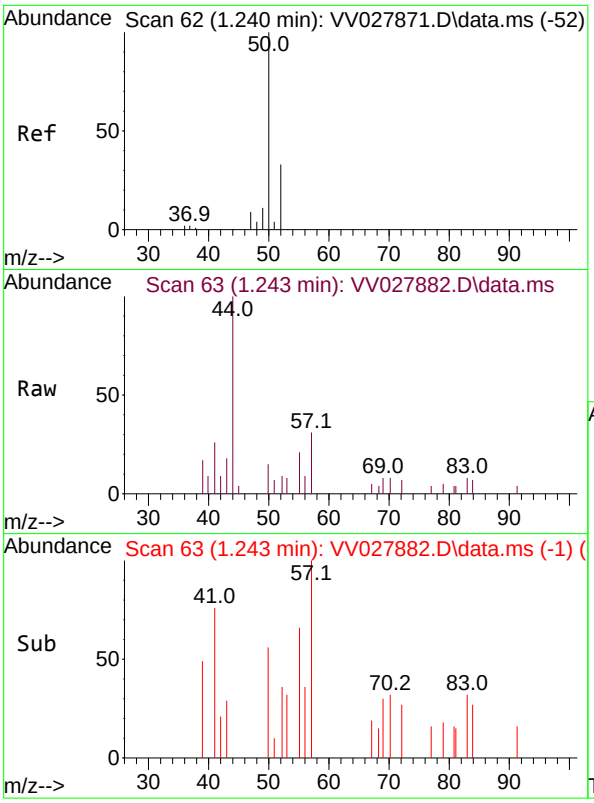
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 16 22:04:36 2022
Response via : Initial Calibration



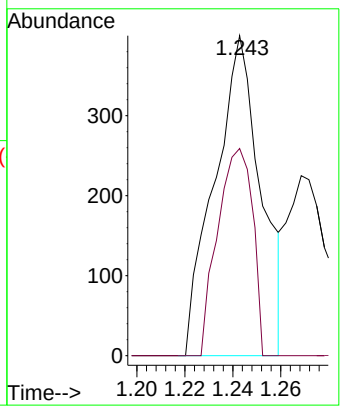


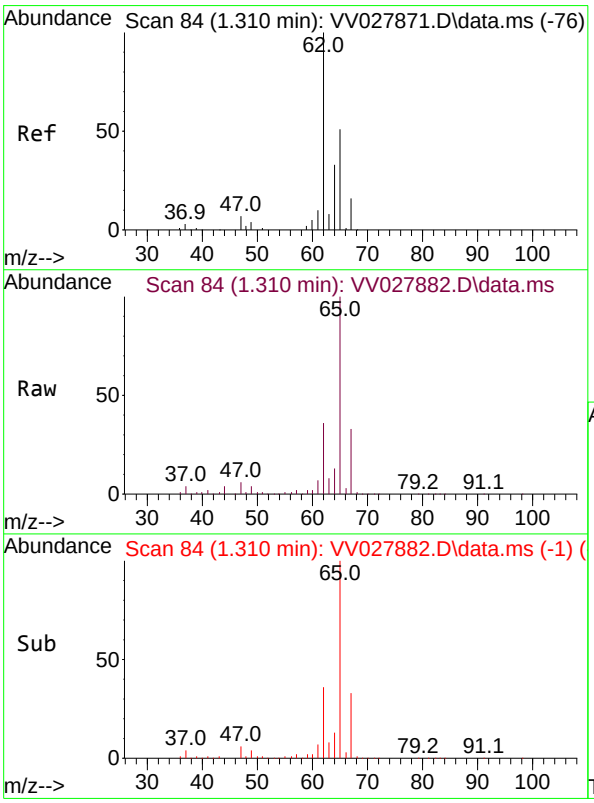
#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.243 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 537

Ion	Ratio	Lower	Upper
50	100		
52	64.8	22.1	41.1#

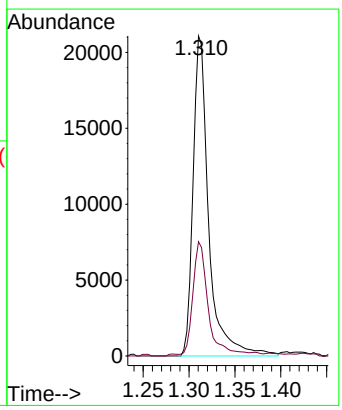


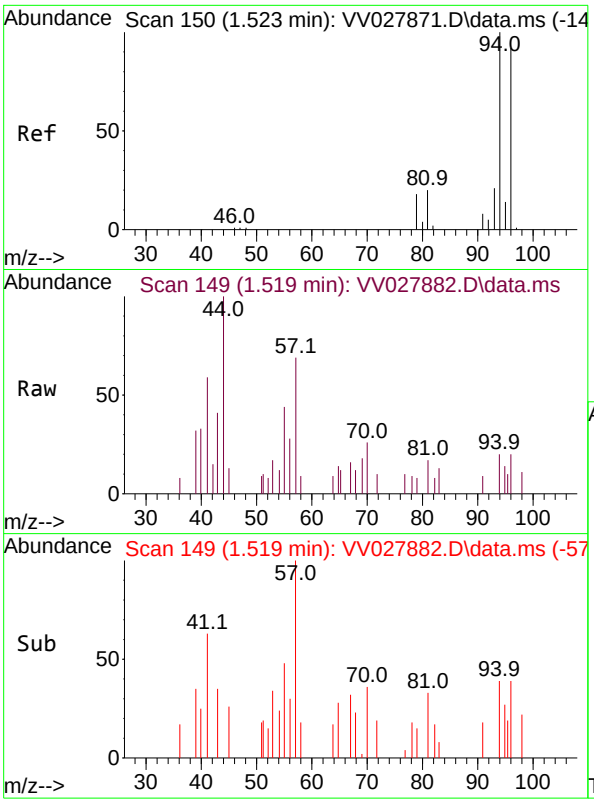


#5
Vinyl chloride
Concen: 2.015 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion: 62 Resp: 24951

Ion	Ratio	Lower	Upper
62	100		
64	35.7	23.2	43.2



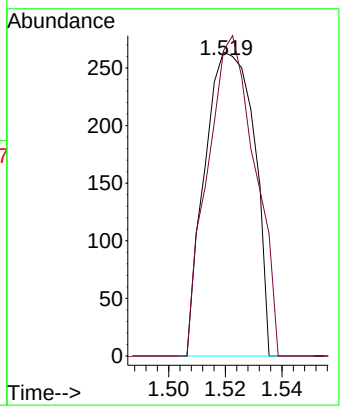


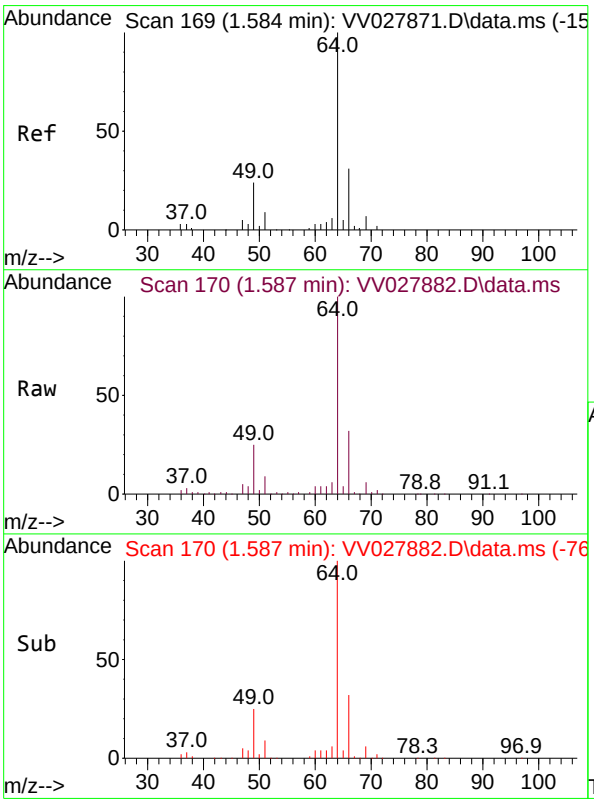
#6
Bromomethane
Concen: 0.048 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 94 Resp: 317

Ion	Ratio	Lower	Upper
94	100		
96	100.4	64.2	119.2

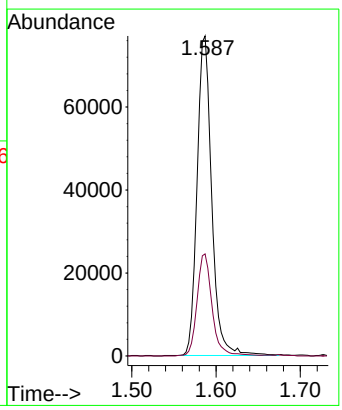


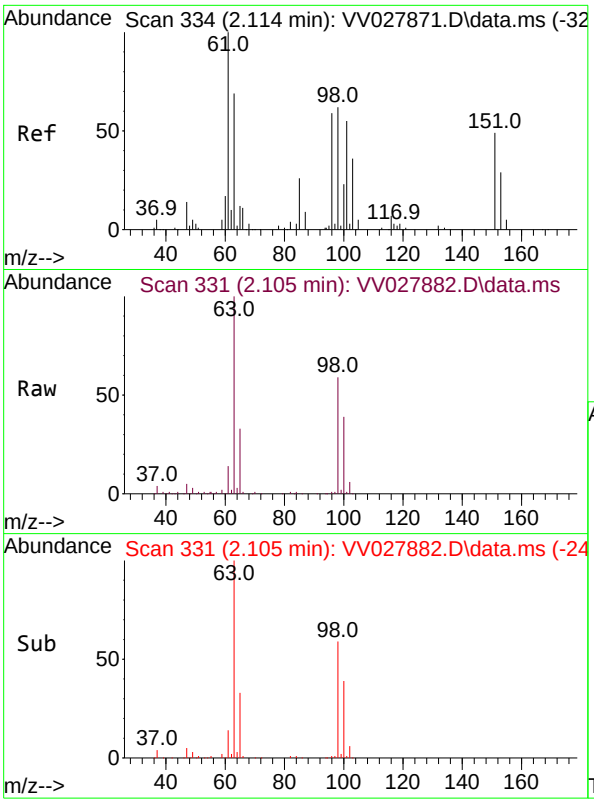


#8
Chloroethane
Concen: 13.105 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion: 64 Resp: 93168

Ion	Ratio	Lower	Upper
64	100		
66	31.9	22.1	41.1



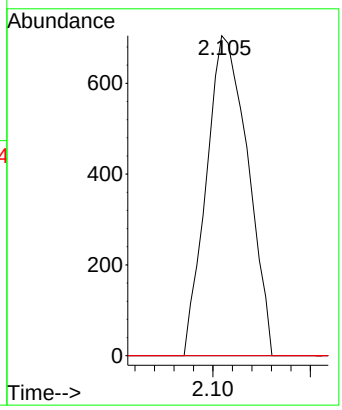


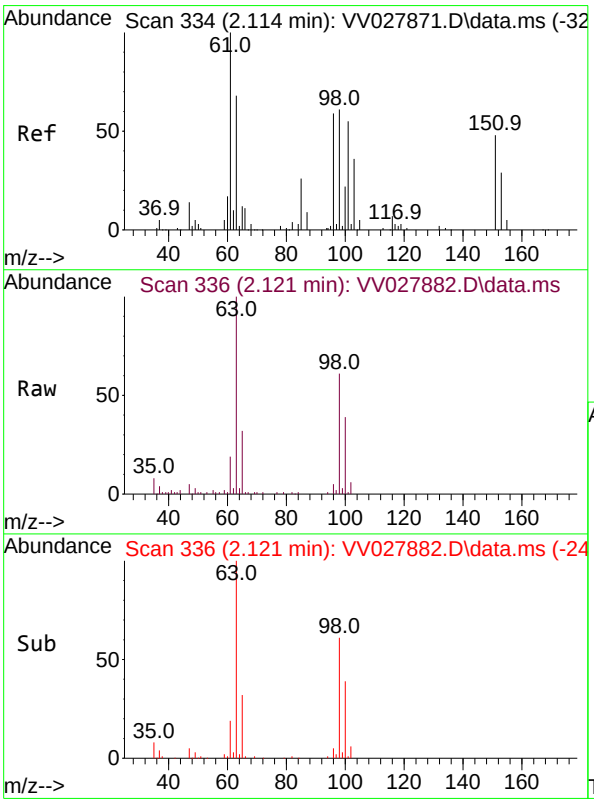
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.106 ug/L
RT: 2.105 min Scan# 3
Delta R.T. -0.010 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1038

Ion	Ratio	Lower	Upper
101	100		
85	2.1	35.8	53.8#
151	0.0	61.2	91.8#

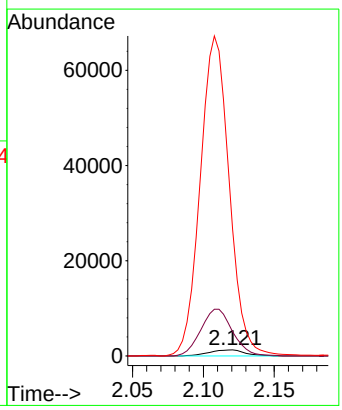


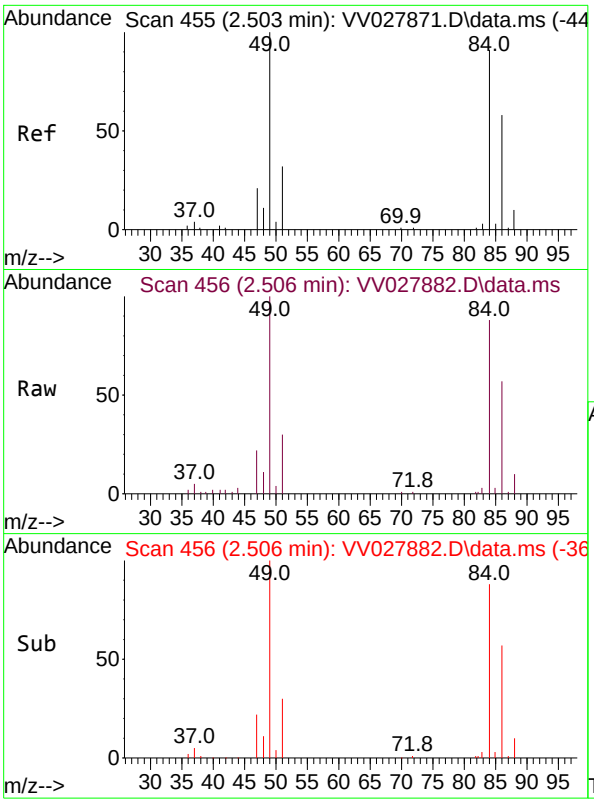


#12
1,1-Dichloroethene
Concen: 0.245 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.006 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion: 96 Resp: 2229

Ion	Ratio	Lower	Upper
96	100		
61	395.2	129.9	241.3#
63	2073.9	94.6	175.8#



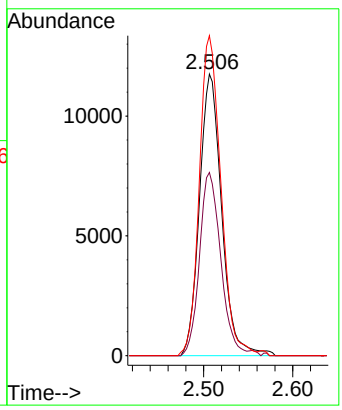


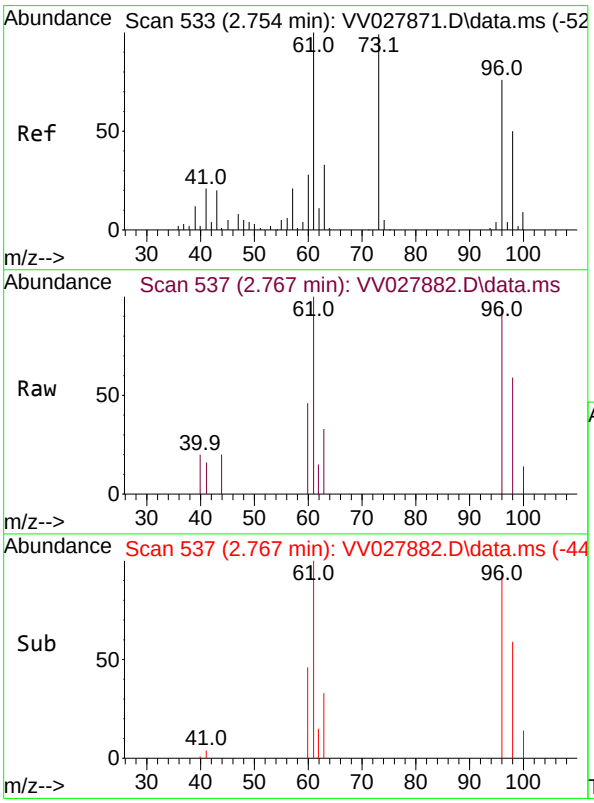
#16
Methylene chloride
Concen: 1.735 ug/L
RT: 2.506 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 20358

Ion	Ratio	Lower	Upper
84	100		
86	65.1	44.9	83.3
49	113.6	90.1	167.3

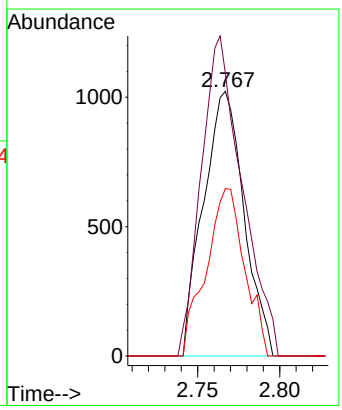


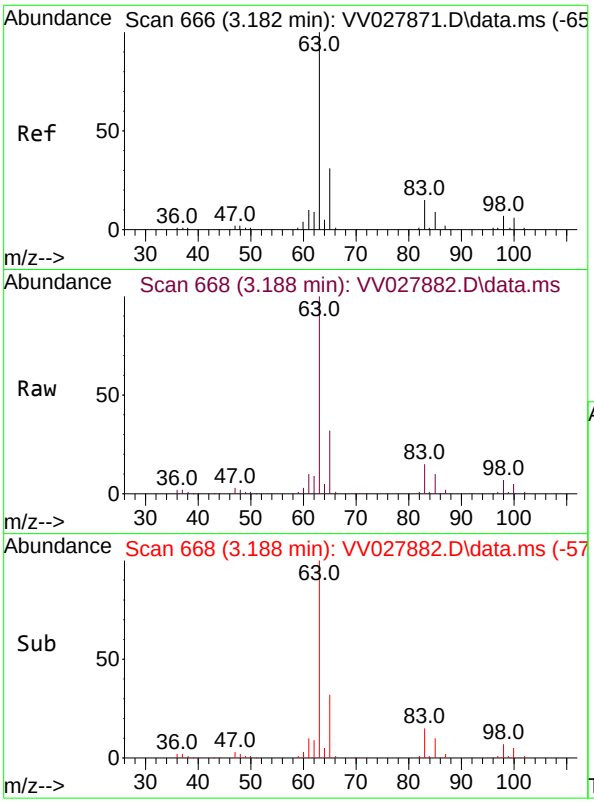


#18
trans-1,2-Dichloroethene
Concen: 0.183 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.013 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion: 96 Resp: 1759

Ion	Ratio	Lower	Upper
96	100		
61	106.7	102.6	190.5
98	63.2	44.0	81.8



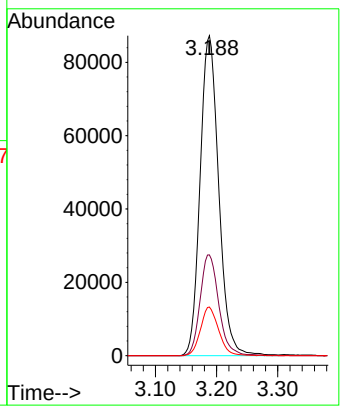


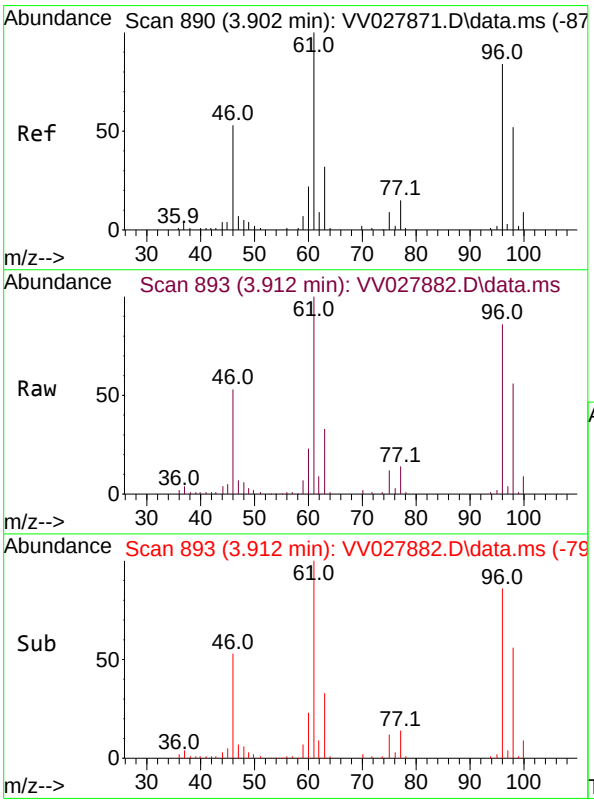
#19
1,1-Dichloroethane
Concen: 10.223 ug/L
RT: 3.188 min Scan# 6
Delta R.T. 0.006 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 184639

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.0	41.0
83	15.2	10.1	18.9

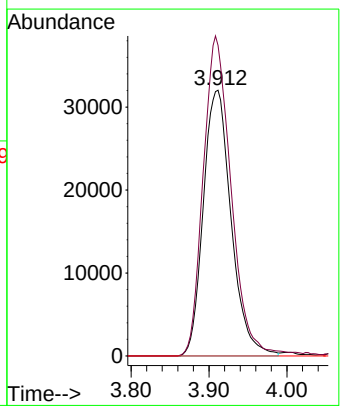


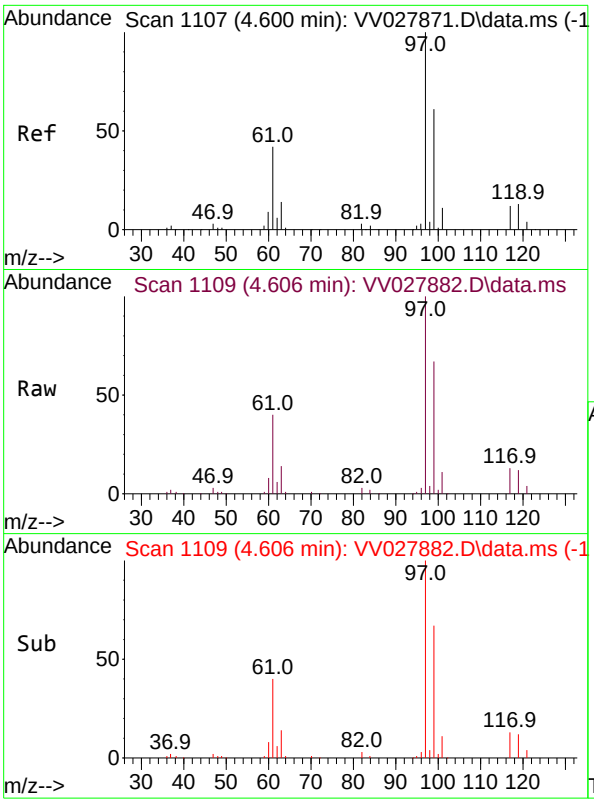


#22
cis-1,2-Dichloroethene
Concen: 7.589 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion: 96 Resp: 79600

Ion	Ratio	Lower	Upper
96	100		
61	116.9	94.6	175.6
68	0.0	0.3	0.5#



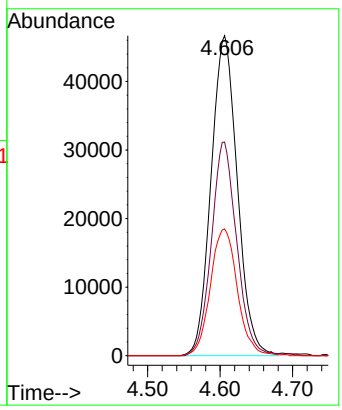


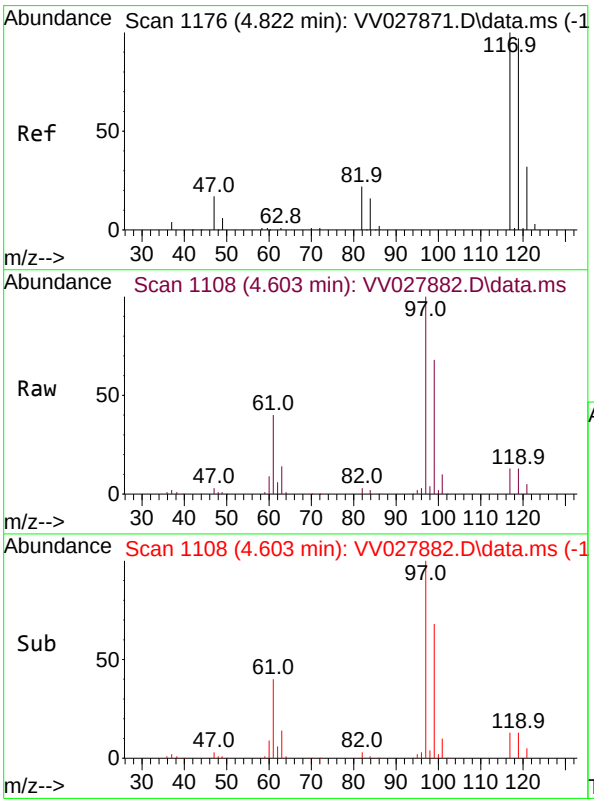
#29
1,1,1-Trichloroethane
Concen: 5.440 ug/L
RT: 4.606 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 117442

Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.8	76.2
61	40.6	36.2	54.4

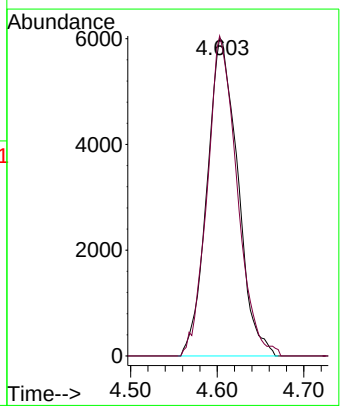


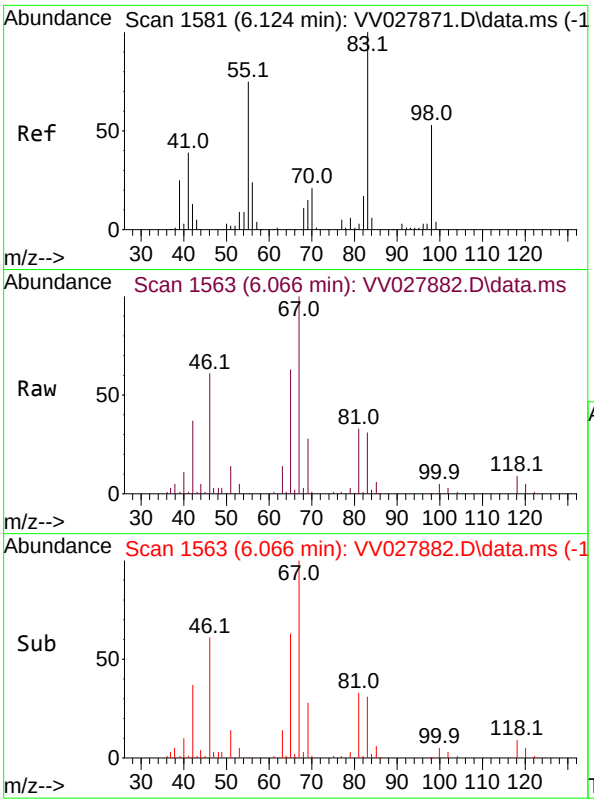


#31
Carbon tetrachloride
Concen: 0.805 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.219 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion:117 Resp: 14760

Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.8	113.8



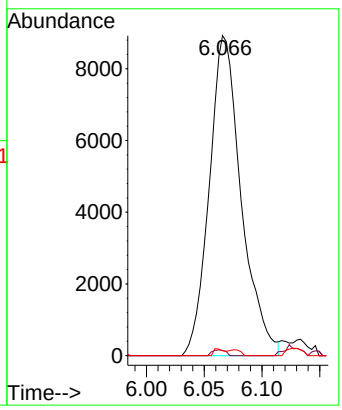


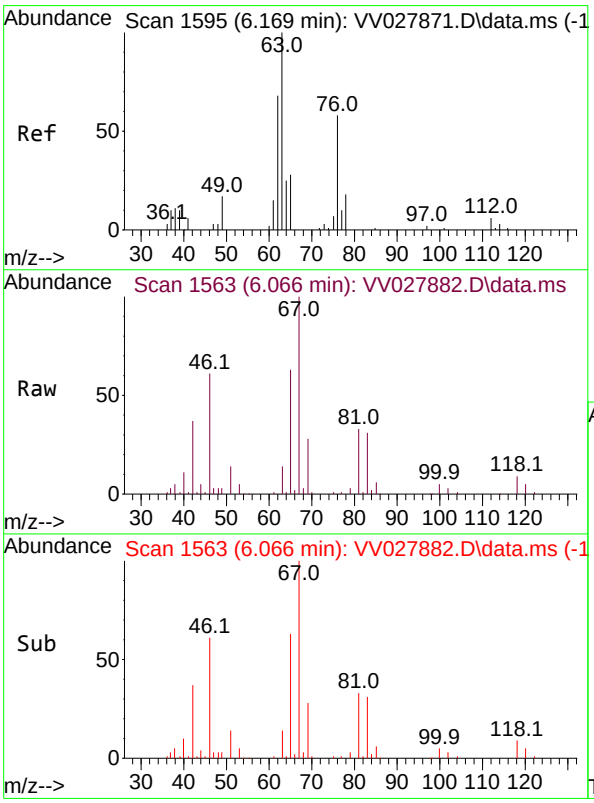
#35
Methylcyclohexane
Concen: 0.964 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 17173

Ion	Ratio	Lower	Upper
83	100		
55	0.8	61.9	92.9#
98	0.7	37.5	56.3#

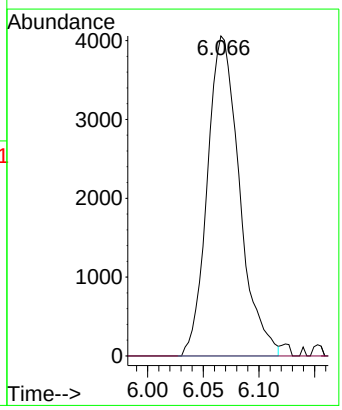


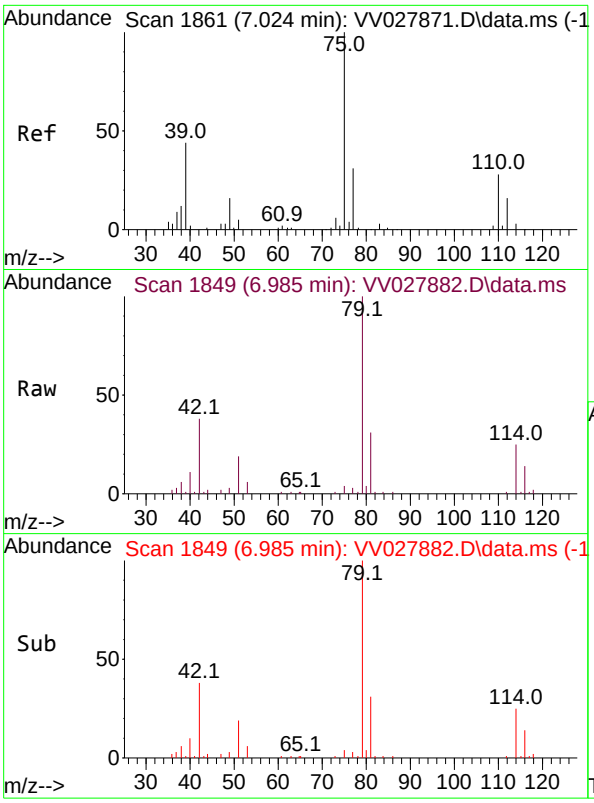


#37
1,2-Dichloropropane
Concen: 0.743 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion: 63 Resp: 8171

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#



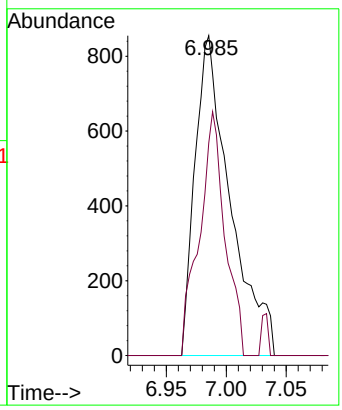


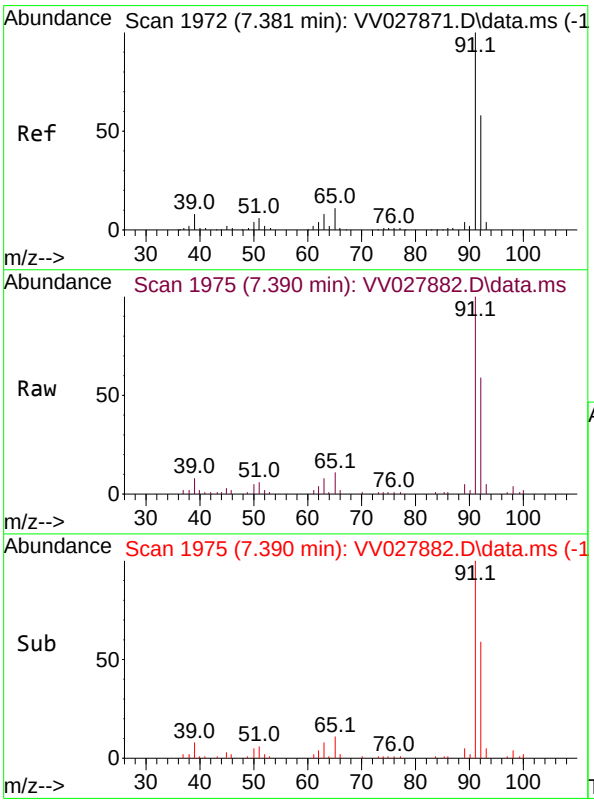
#39
cis-1,3-Dichloropropene
Concen: 0.125 ug/L
RT: 6.985 min Scan# 1
Delta R.T. -0.039 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1743

Ion	Ratio	Lower	Upper
75	100		
77	66.4	22.0	40.8#

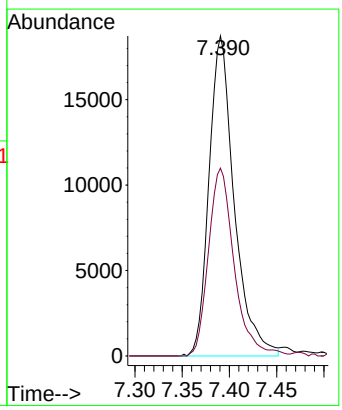


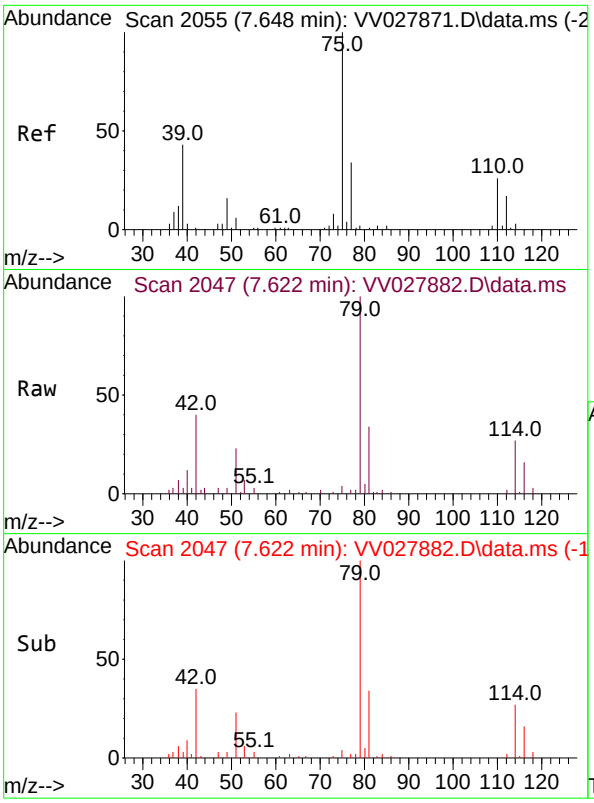


#42
Toluene
Concen: 0.774 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.010 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion: 91 Resp: 34738

Ion	Ratio	Lower	Upper
91	100		
92	58.7	40.8	75.8



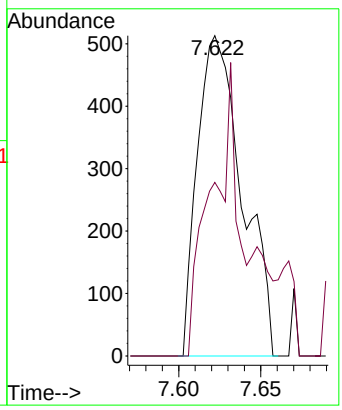


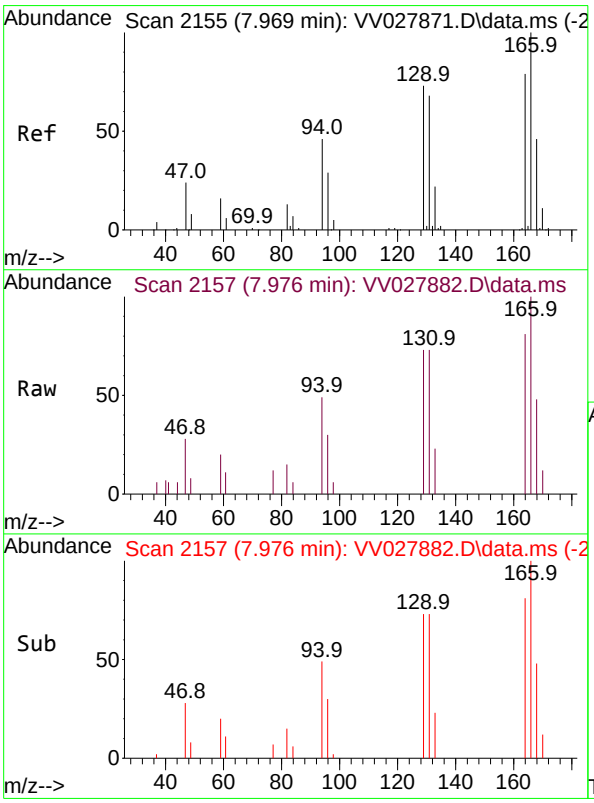
#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.622 min Scan# 2
Delta R.T. -0.026 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 975

Ion	Ratio	Lower	Upper
75	100		
77	54.2	22.6	42.0#

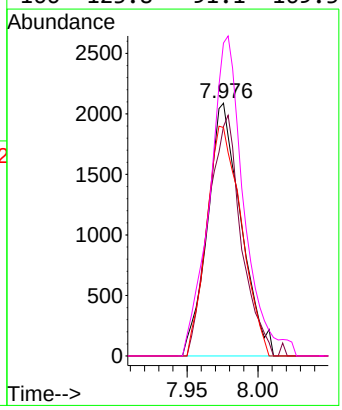


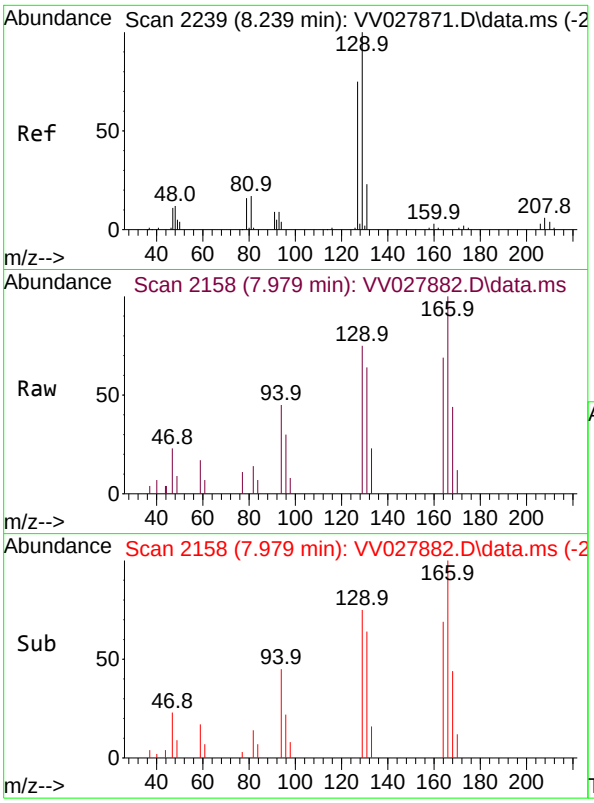


#47
Tetrachloroethene
Concen: 0.367 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion:164 Resp: 3422

Ion	Ratio	Lower	Upper
164	100		
129	90.8	67.2	124.8
131	90.4	61.5	114.3
166	123.8	91.1	169.3



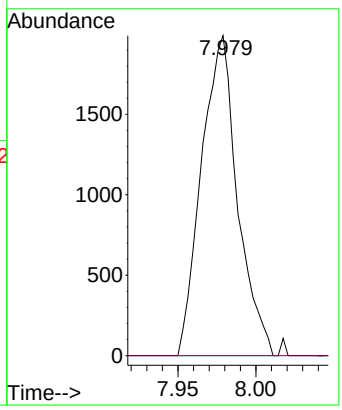


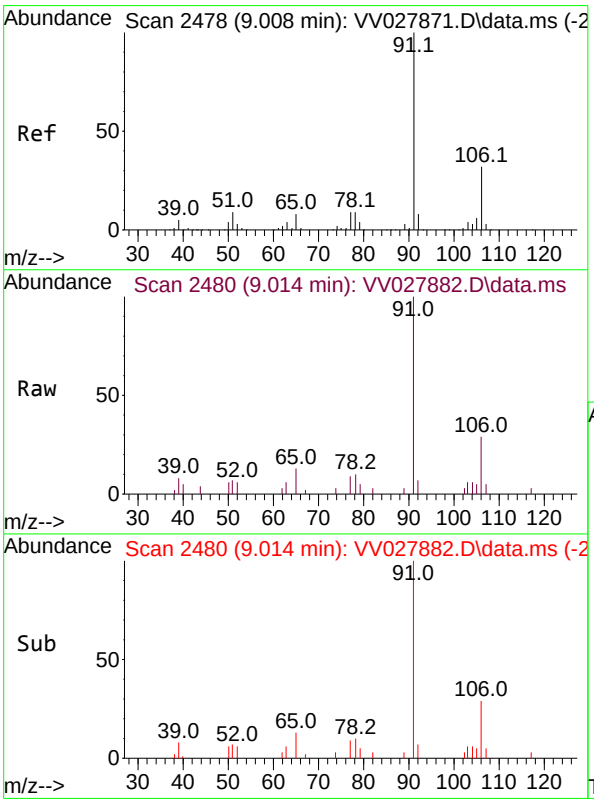
#49
Dibromochloromethane
Concen: 0.353 ug/L
RT: 7.979 min Scan# 21
Delta R.T. -0.261 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 3198

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#

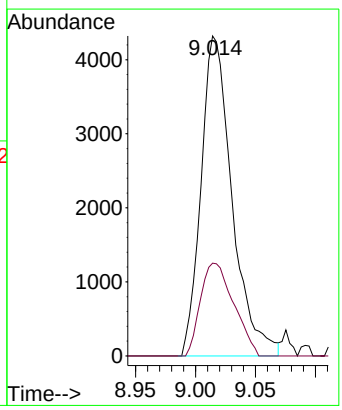


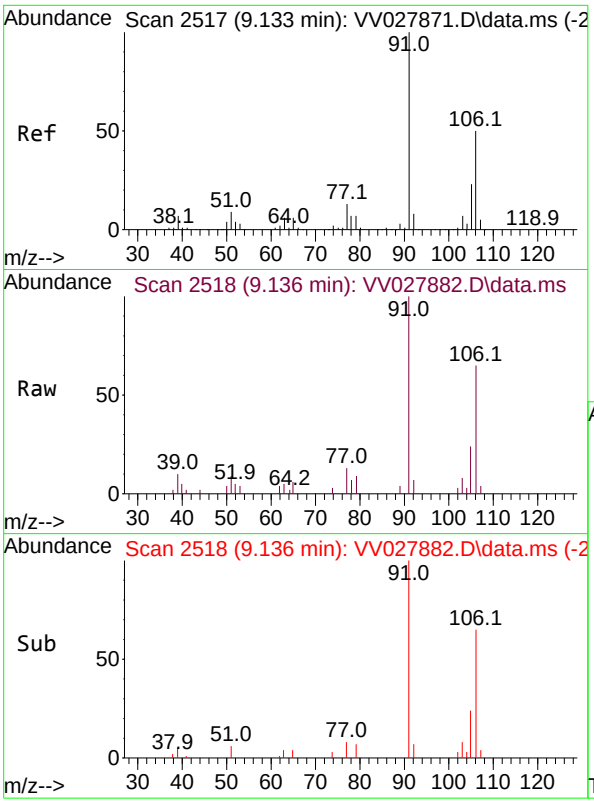


#52
Ethylbenzene
Concen: 0.167 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.006 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion: 91 Resp: 7777

Ion	Ratio	Lower	Upper
91	100		
106	29.0	22.0	40.8



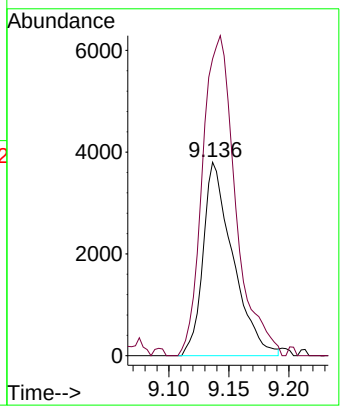


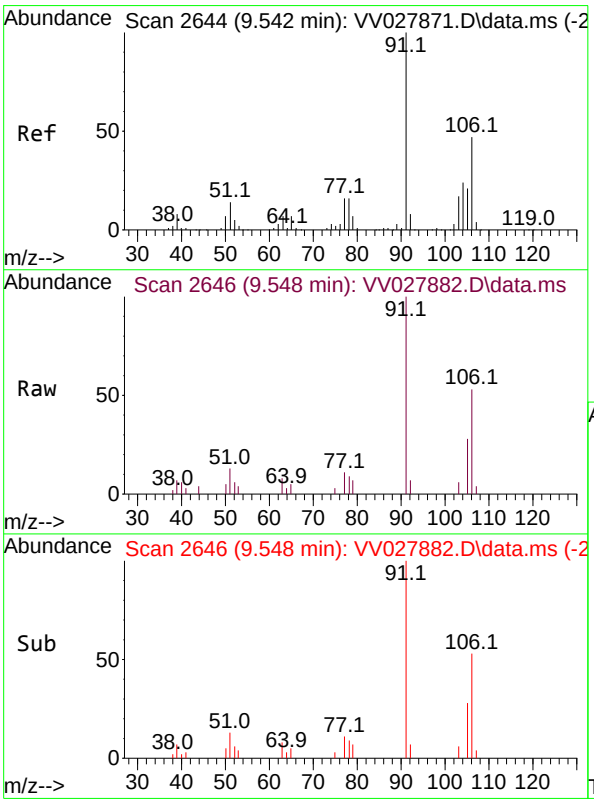
#53
m,p-Xylene
Concen: 0.358 ug/L
RT: 9.136 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 6563

Ion	Ratio	Lower	Upper
106	100		
91	153.4	142.4	264.4

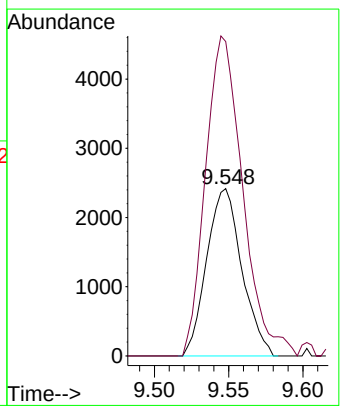


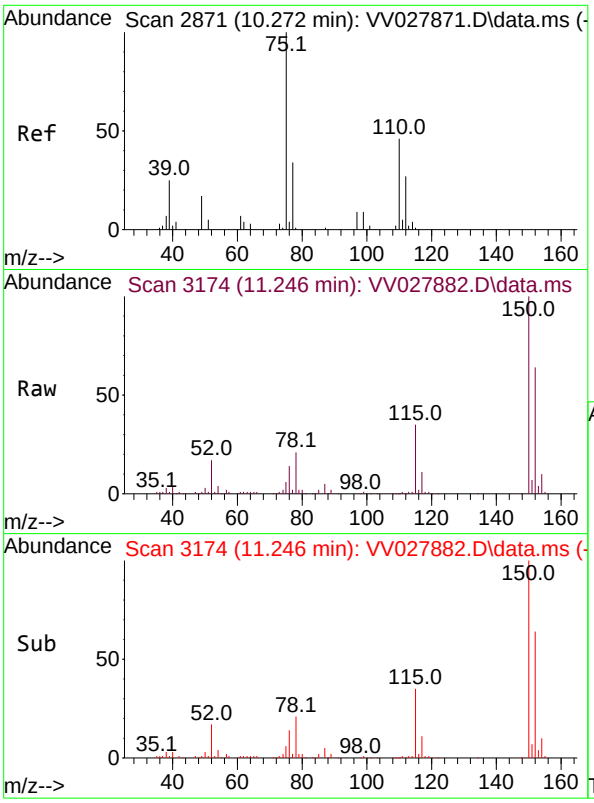


#54
o-Xylene
Concen: 0.228 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion:106 Resp: 3977

Ion	Ratio	Lower	Upper
106	100		
91	187.9	147.5	273.9



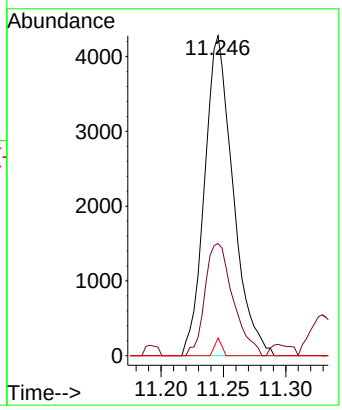


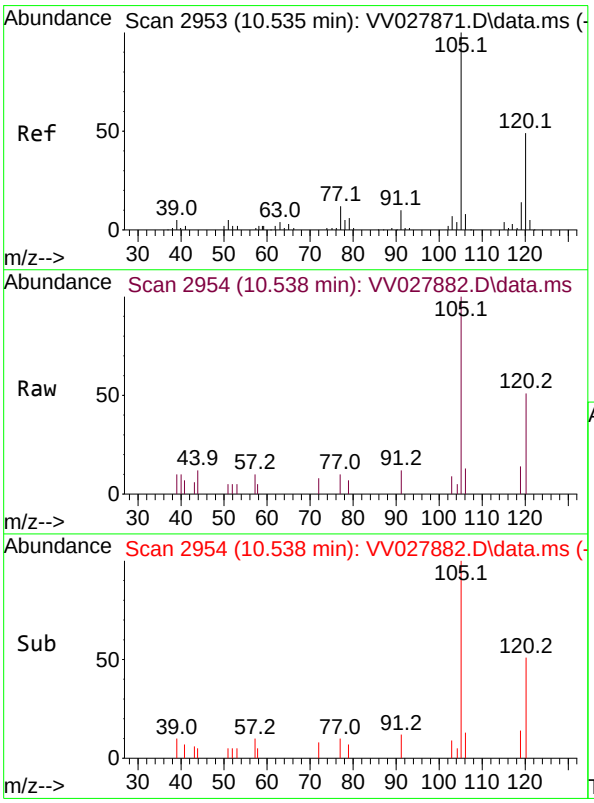
#61
1,2,3-Trichloropropane
Concen: 1.194 ug/L
RT: 11.246 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6815

Ion	Ratio	Lower	Upper
75	100		
77	34.6	27.6	41.4
110	1.3	35.6	53.4#

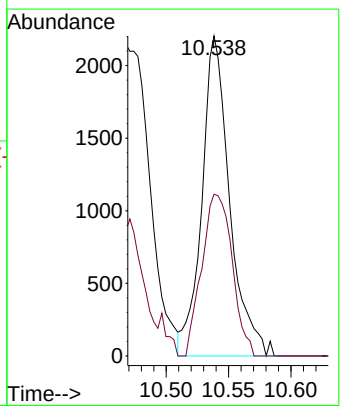


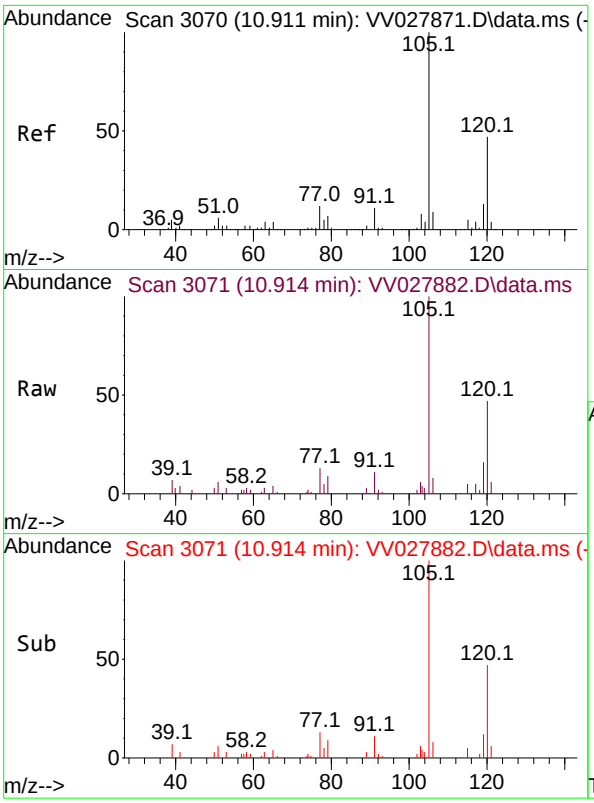


#62
1,3,5-Trimethylbenzene
Concen: 0.269 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion:105 Resp: 3419

Ion	Ratio	Lower	Upper
105	100		
120	55.2	39.6	59.4





#63
1,2,4-Trimethylbenzene
Concen: 0.399 ug/L
RT: 10.914 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 14410

Ion	Ratio	Lower	Upper
105	100		
120	45.8	37.4	56.0